

09-17-04

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PTO/SB/21 (04-04)

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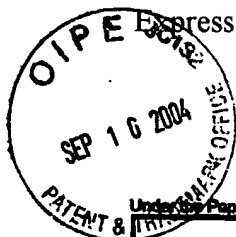
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/625,141	
	Filing Date	July 23, 2003	
	First Named Inventor	Jonathan R. Nowitz	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	21	Attorney Docket Number	283108004US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC)  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO/SB/96 Copy of Assignment to Thomson Licensing S.A. Copy of Assignment to America Online, Inc. Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	PERKINS COIE LLP Steven D. Lawrenz - 37,376
Signature	
Date	September 16, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV522671845US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450, on the date shown below.	
Dated: 9/16/04	Signature:  (Michael J. Smith)



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PTO/SB/82 (08-03)

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<b>REVOCATION OF POWER OF ATTORNEY and APPOINTMENT OF NEW POWER OF ATTORNEY</b>	Application Number	10/625,141
	Filing Date	July 23, 2003
	First Named Inventor	Jonathan R. Nowitz
	Art Unit	
	Examiner Name	
	Attorney Docket Number	283108004US

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners at Customer Number: 25096

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with Customer Number: 25096

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City		State		Zip	
Country					
Telephone		Fax			

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/98)

**SIGNATURE of Applicant or Assignee of Record**

Name	Alexander Franco				
Signature	<i>Alex Franco</i>				
Date	9/9/04		Telephone	(703) 265-3507	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of ~~one~~ form is submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form, and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/BB/98 (06-03)

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicants: Jonathan R. Nowitz et al.

Application No.: 10/625,141

Filed/Issue Date: July 23, 2003

Entitled: METHOD AND SYSTEM FOR RULE BASED INDEXING OF MULTIPLE DATA STRUCTURES

America Online, Inc. , a corporation of the State of Delaware

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_%

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Jonathan R. Nowitz et al. To: Thomson Licensing S.A.

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: Thomson Licensing S.A. To: America Online, Inc.

A copy of the Patent Assignment, which is being submitted to the Assignment Branch of the United States Patent and Trademark Office for recording concurrently herewith, is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

8/9/04  
Date

(703) 285-3507

Telephone number

Alexander Franco

Typed or printed name

Alex Franco

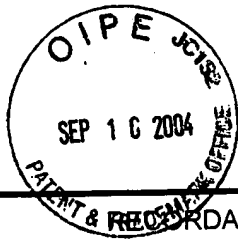
Signature

Patent Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form, and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.

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Form PTO-1595  
(Rev. 10/02, modified)  
OMB No. 0651-0027 (exp. 6/30/2005)

ASSIGNMENT RECORDATION FORM COVER SHEET

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Patent and Trademark Office

**PATENTS ONLY**

To the Honorable Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Thomson Licensing S.A.

2. Name and address of receiving party(ies):

America Online, Inc.  
22000 AOL Way  
Dulles, VA 20166-9323

Additional names of conveying parties attached? ☐ Yes ☒ No

3. Nature of conveyance: ☒ Assignment  
☐ Merger ☐ Security Agreement  
☐ Change of Name ☐ Reassignment  
☐ Other

Execution date: November 13, 2003

Additional names of receiving parties attached? ☐ Yes ☒ No

4. Application number(s) and/or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
10/625,141

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom  
correspondence concerning document  
should be mailed:

Customer No. 25096  
Steven D. Lawrenz  
Perkins Coie LLP  
P.O. Box 1247  
Seattle, Washington 98111-1247  
(206) 359-8000

6. Total No. of applications and patents  
involved: one (1)

7. Total fee (37 CFR §3.41): \$40.00

☒ Enclosed

☐ Charge Deposit Account No. 50-0665

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(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature:

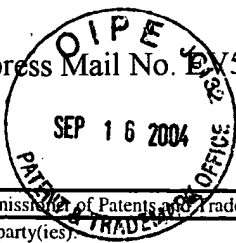
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Steven D. Lawrenz  
Name of Person Signing

  
Signature

9/16/04  
Date

Total number of pages, including cover sheet, attachments and document: 13



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): <b>Jonathan Robert Nowitz, Jennifer Weis, Julie L. Trott, Srinivasan Sudanagunta, Austin David Dahl and Michael Gerald Maitlen</b></p> <p>Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies): Name: <b>Thomson Licensing S.A.</b> Street Address: <b>46 quai Alphonse Le Gallo F-92100 Boulogne Billancourt France</b> City: <b>Boulogne Billancourt</b> State: <b>France</b> Zip: _____ Additional name(s) &amp; address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>3. Nature of convenience: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <b>October 17, 2003, November 3, 2003 and October 17, 2003 respectively</b></p>		<p>4. Application number(s) or patent number(s): <b>Serial No. 10/625,141</b> If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) U.S. <b>10/625,141</b> B. Patent No.(s) ---- Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <b>JOSEPH S. TRIPOLI</b> Internal Address: <b>PATENT OPERATIONS THOMSON multimedia Licensing Inc.</b> Street Address: <b>PO Box 5312</b> City: <b>PRINCETON</b> State: <b>NEW JERSEY</b> Zip: <b>08543-5312</b></p>		<p>6. Total number of applications and patents involved: <b>1</b></p> <p>7. Total Fee (37 CFR 3.41): <b>\$40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <b>07-0832</b></p>	

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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

<u>Joel M. Fogelson</u> Name of Person Signing	 Signature - Reg. No. 43,613	<u>Nov. 7, 2003</u> Date
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Total number of pages comprising cover sheet: **5**

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# ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 6 joint inventors  
(if plural inventors are named below) of the inventions relating to METHOD AND SYSTEM FOR RULE BASED INDEXING OF MULTIPLE DATA STRUCTURES

described in an application for Letters Patent of the United States of America filed on July 23, 2003 Under Serial No. 10/625,141  
or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

## Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

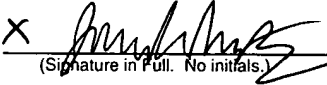
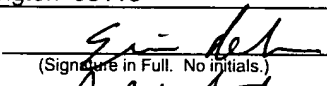
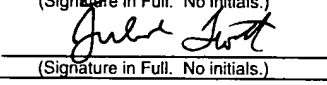
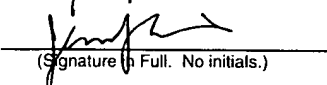
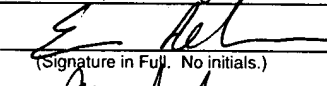
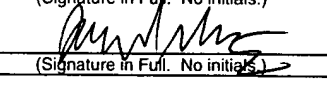
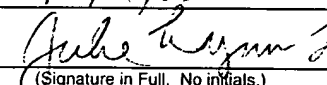
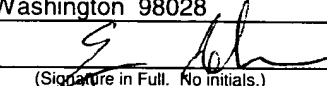
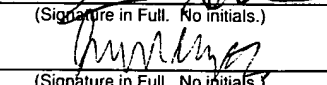
I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Seattle, Washington</u>	Date	<u>X 10/17/03</u>
Inventor (1)	<u>JONATHAN ROBERT NOWITZ</u> (Type or Print)		<u>X</u>  (Signature in Full. No initials.)
Post Office Address	<u>2302 NE 92 St., Seattle, Washington 98115</u>		
1st Witness	<u>Eric Behm</u> (Type or Print)		 (Signature in Full. No initials.)
2nd Witness	<u>Julie Trott</u> (Type or Print)		 (Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	<u>10/17/03</u>
Inventor (2)	<u>JENNIFER WEIS</u> (Type or Print)		 (Signature in Full. No initials.)
Post Office Address	<u>1302 Queen Anne Avenue N #5, Seattle, Washington 98109</u>		
1st Witness	<u>Eric Behm</u> (Type or Print)		 (Signature in Full. No initials.)
2nd Witness	<u>JONATHAN NOWITZ</u> (Type or Print)		 (Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	<u>10/17/03</u>
Inventor (3)	<u>JULIE L. TROTT</u> (Type or Print)		 (Signature in Full. No initials.)
Post Office Address	<u>6904 NE 161st Street, Seattle, Washington 98028</u>		
1st Witness	<u>Eric Behm</u> (Type or Print)		 (Signature in Full. No initials.)
2nd Witness	<u>JONATHAN NOWITZ</u> (Type or Print)		 (Signature in Full. No initials.)

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# **ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA**

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(if plural inventors are named below) of the inventions relating to METHOD AND SYSTEM FOR RULE BASED INDEXING OF MULTIPLE DATA  
STRUCTURES

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I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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Signed at	<u>Seattle, Washington</u>	Date	
Inventor (1)	<u>SRINIVASAN SUDANAGUNTA</u> (Type or Print)	(Signature in Full. No initials.)	
Post Office Address	<u>913 26th Avenue E., Seattle, Washington 98112-4115</u>		
1st Witness	(Type or Print)	(Signature in Full. No initials.)	
2nd Witness	(Type or Print)	(Signature in Full. No initials.)	
Signed at	<u>Seattle, Washington</u>	Date	<u>10/11/03</u>
Inventor (2)	<u>AUSTIN DAVID DAHL</u> (Type or Print)	(Signature in Full. No initials.)	
Post Office Address	<u>2039 26<sup>th</sup> Ave. E., Seattle, Washington 98112</u>		
1st Witness	<u>Eric Behm</u> (Type or Print)	(Signature in Full. No initials.)	
2nd Witness	<u>DANIEL A. HENDRICK</u> (Type or Print)	(Signature in Full. No initials.)	
Signed at	<u>Tacoma, Washington</u>	Date	
Inventor (3)	<u>MICHAEL GERALD MAITLEN</u> (Type or Print)	(Signature in Full. No initials.)	
Post Office Address	<u>1107 North M-Street, Tacoma, Washington 98403</u>		
1st Witness	(Type or Print)	(Signature in Full. No initials.)	
2nd Witness	(Type or Print)	(Signature in Full. No initials.)	

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described in an application for Letters Patent of the United States of America filed on July 23, 2003 Under Serial No. 10/625,141

or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

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I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Seattle, Washington</u>	Date	
Inventor (1)	<u>SRINIVASAN SUDANAGUNTA</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>913 26th Avenue E., Seattle, Washington 98112-4115</u>		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	
Inventor (2)	<u>AUSTIN DAVID DAHL</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>2039 26<sup>th</sup> Ave. E., Seattle, Washington 98112</u>		
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Tacoma, Washington</u>	Date	<u>10/29/03</u>
Inventor (3)	<u>MICHAEL GERALD MAITLEN</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>1107 North M Street, Tacoma, Washington 98403</u>		
1st Witness	<u>Brent Charles Olson</u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>RUTH J. MAITLEN</u> (Type or Print)		(Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to:

Patent Operations  
Thomson Licensing Inc.  
P.O. Box 5312  
Princeton, NJ 08543-5312

**BEST AVAILABLE COPY**



# **ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA**

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 6 joint inventors  
(if plural inventors are named below) of the inventions relating to METHOD AND SYSTEM FOR RULE BASED INDEXING OF MULTIPLE DATA  
STRUCTURES

described in an application for Letters Patent of the United States of America filed on July 23, 2003 Under Serial No. 10/625,141

or, if not identified here by filing date and serial number, executed by me on even date with my execution of this

## **Assignment/Agreement.**

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Seattle, Washington</u>	Date	<u>X Nov 3 2003</u>
Inventor (1)	<u>SRINIVASAN SUDANAGUNTA</u> (Type or Print)		<u>X [Signature]</u> (Signature in Full. No initials.)
Post Office Address	<u>913 26th Avenue E., Seattle, Washington 98112-4115</u>		
1st Witness	<u>Eric Behm</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
2nd Witness	<u>JONATHAN NAWITZ</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
Signed at	<u>Seattle, Washington</u>	Date	
Inventor (2)	<u>AUSTIN DAVID DAHL</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>2039 26<sup>th</sup> Ave. E., Seattle, Washington 98112</u>		
1st Witness	<u>[Signature]</u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>[Signature]</u> (Type or Print)		(Signature in Full. No initials.)
Signed at	<u>Tacoma, Washington</u>	Date	
Inventor (3)	<u>MICHAEL GERALD MAITLEN</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>1107 North M Street, Tacoma, Washington 98403</u>		
1st Witness	<u>[Signature]</u> (Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>[Signature]</u> (Type or Print)		(Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to:

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Thomson Licensing Inc.  
P.O. Box 5312  
Princeton, NJ 08543-5312

EXECUTION COPY

PATENT ASSIGNMENT

WHEREAS, Thomson Licensing S.A., a French *société anonyme* having a principal place of business at 46, Quai Alphonse Le Gallo, 92100 Boulogne-Billancourt France ("Assignor"), is the owner of the entire right, title and interest in and to the patent applications set forth in attached Schedule A hereto and in and to the inventions disclosed therein (collectively, the "Assigned Patent Rights");

WHEREAS, America Online, Inc., a Delaware corporation, ("Assignee"), Assignor, Thomson Inc., a Delaware corporation, and Singingfish.com, Inc., a Washington corporation, are parties to that certain Asset Purchase Agreement dated November 13, 2003 (the "Asset Purchase Agreement"), and Assignee, Assignor, Thomson, S.A., a French *société anonyme* and the parent company of Assignor, Thomson Inc. and Singingfish.com, Inc. are parties to that certain Transfer Agreement dated November 13, 2003 (the "Transfer Agreement"), pursuant to which Assignee acquired all right, title and interest in and to the Assigned Patent Rights; and

WHEREAS, this Patent Assignment is entered into pursuant to, and as a condition of the closing of the transactions contemplated under, the Asset Purchase Agreement and the Transfer Agreement;

NOW, THEREFORE, for good and valuable consideration acknowledged by Assignor to have been received in full from Assignee and pursuant to the terms of the Asset Purchase Agreement and Transfer Agreement:

1. Assignor hereby conveys, transfers, assigns and delivers unto Assignee all Assignor's right, title and interest in and to said Assigned Patent Rights, together with all patents issuing on said Assigned Patent Rights, and any reissues, reexaminations, renewals, extensions, substitutions, registrations, confirmations, divisionals, continuations, and continuations-in-part of such patents and said Assigned Patent Rights, including any patents and patent applications which claim priority to a common priority document in the priority chain of any of the foregoing, and foreign counterparts of any of the foregoing, and together with all rights to sue for past and future infringement or misappropriation thereof (including the right to sue for pre-issuance royalties).
2. The terms and covenants of this Patent Assignment shall inure to the benefit of Assignee, its successors and assigns, and shall be binding upon Assignor and its successors and assigns.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

**IN WITNESS WHEREOF**, Assignor has caused this Patent Assignment to be executed by its duly authorized representatives effective this 13<sup>th</sup> day of November 2003.

THOMSON LICENSING S.A.

By: 

Name: Didier Huck

Title: Chairman & CEO

ATTEST:

 Philippe ANDRAU

**SCHEDULE A**

**"Exhibit One Patent Rights"**

<b>Title</b>	<b>Inventor(s)</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>
<b>INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE</b>	<b>DEROSA John, ABAJIAN Aram Christian, ALEXANDER Robin, DAHL Austin, LEE Scott, PORTER Charles, REHM Eric, KOLAR Jennifer, SUDANAGUNTA Srinivasan</b>	<b>US only</b>	<b>09/876941</b>	<b>08 June 01</b>
<b>FULL-TEXT RELEVANCY RANKING</b>	<b>DIAMOND Theodore George, HENDRICK Daniel Allen, REHM Eric Carl, REISLAND Melissa Anne</b>	<b>US only</b>	<b>09/876925</b>	<b>08 June 01</b>
<b>GROUP DUPLICATES AND VARIATIONS</b>	<b>ABAJIAN Aram Christian</b>	<b>US only</b>	<b>09/878877</b>	<b>11 June 01</b>
<b>FUZZY DATABASE RETRIEVAL</b>	<b>PRINCE John</b>	<b>US only</b>	<b>09/878866</b>	<b>11 June 01</b>
<b>INTERNET SEED CRAWLING</b>	<b>JENSEN-GRAY Sean S.</b>	<b>US only</b>	<b>09/878876</b>	<b>11 June 01</b>

**"Exhibit One Patent Rights," Continued**

<b>Title</b>	<b>Inventor(s)</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>
<b>A SYSTEM AND PROCESS FOR NETWORK SITE FRAGMENTED SEARCH</b>	<b>SHANNON Paul, MILLER Brad, LEE Scott, KOLAR Jennifer</b>	<b>PCT</b>	<b>US01/43303</b>	<b>20 Nov 01</b>
		<b>CN</b>	<b>01822162.9</b>	<b>20 Nov 01</b>
		<b>DE</b>	<b>N/A<sup>(*)</sup></b>	<b>N/A</b>
		<b>EP</b>	<b>01988150.7</b>	<b>20 Nov 21</b>
		<b>FR</b>	<b>N/A</b>	<b>N/A</b>
		<b>GB</b>	<b>N/A</b>	<b>N/A</b>
		<b>IN</b>	<b>578/KOL NP/03</b>	<b>20 Nov 01</b>
		<b>IT</b>	<b>N/A</b>	<b>N/A</b>
		<b>JP</b>	<b>545322/02</b>	<b>20 Nov 01</b>
		<b>KR</b>	<b>03-7006820</b>	<b>20 Nov 01</b>
		<b>MX</b>	<b>03/004447</b>	<b>20 Nov 01</b>
		<b>US</b>	<b>10/432,258</b>	<b>20 Nov 01</b>

<sup>(\*)</sup> Not Available

**"Exhibit One Patent Rights," Continued**

<b>Title</b>	<b>Inventor(s)</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>
<b>A SYSTEM AND PROCESS FOR SEARCHING A NETWORK</b>	<b>PORTER Charles, REICHOLD Jonathan, REHM Eric</b>	<b>PCT</b>	<b>US01/43247</b>	<b>20 Nov 01</b>
		<b>CN</b>	<b>01822165.3</b>	<b>20 Nov 01</b>
		<b>DE</b>	<b>N/A</b>	<b>N/A</b>
		<b>EP</b>	<b>US01/43247</b>	<b>20 Nov 01</b>
		<b>FR</b>	<b>N/A</b>	<b>N/A</b>
		<b>GB</b>	<b>N/A</b>	<b>N/A</b>
		<b>IN</b>	<b>579/KOL NP/03</b>	<b>20 Nov 01</b>
		<b>IT</b>	<b>N/A</b>	<b>N/A</b>
		<b>JP</b>	<b>545381/02</b>	<b>20 Nov 01</b>
		<b>KR</b>	<b>03-7006786</b>	<b>20 Nov 01</b>
		<b>MX</b>	<b>03/004446</b>	<b>20 Nov 01</b>
		<b>US</b>	<b>10/432,306</b>	<b>20 Nov 01</b>

**"Exhibit One Patent Rights," Continued**

<b>Title</b>	<b>Inventor(s)</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>
<b>A SYSTEM AND PROCESS FOR MEDIATED CRAWLING</b>	<b>EVANS Philip, ALEXANDER Robin, SHANNON Paul</b>	<b>PCT</b>	<b>US01/43248</b>	<b>20 Nov 01</b>
		<b>CN</b>	<b>01822163.7</b>	<b>20 Nov 01</b>
		<b>DE</b>	<b>N/A</b>	<b>N/A</b>
		<b>EP</b>	<b>01988143.2</b>	<b>20 Nov 01</b>
		<b>FR</b>	<b>N/A</b>	<b>N/A</b>
		<b>GB</b>	<b>N/A</b>	<b>N/A</b>
		<b>IN</b>	<b>589/KOL NP/03</b>	<b>20 Nov 01</b>
		<b>IT</b>	<b>N/A</b>	<b>N/A</b>
		<b>JP</b>	<b>545321/02</b>	<b>20 Nov 01</b>
		<b>KR</b>	<b>03-7006783</b>	<b>20 Nov 01</b>
		<b>MX</b>	<b>03/004448</b>	<b>20 Nov 01</b>
		<b>US</b>	<b>10/432,388</b>	<b>20 Nov 01</b>

**"Exhibit One Patent Rights," Continued**

<b>Title</b>	<b>Inventor(s)</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>
<b>METHOD AND ARCHITECTURE FOR THE RULE BASED INDEXING OF MULTIPLE DATA STREAMS</b>	<b>NOWITZ Jonathan</b>	<b>U.S.</b>	<b>10/625,141</b>	<b>23 July 03</b>
<b>ASSERTION-BASED METADATA COLLECTION AND ENHANCEMENT SYSTEM</b>	<b>SUDANAGUNTA Srinivasan</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>



**"Exhibit Two Patent Rights"**

<b>Title</b>	<b>Inventor(s)</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>
<b>INTERPRETIVE STREAM METADATA EXTRACTION</b>	REHM Eric, BERKUN Ken, DAHL Austin, KOLAR Jennifer, LEE Scott, MCRAE Shannon, MILLER Brad, PRINCE John, SUDANAGUNTA Srinivasan, NOWITZ Johnathan	US only	09/876943	08 June 01
<b>METADATA QUALITY IMPROVEMENT</b>	PORTER Charles, ABAJIAN Aram Christian, ALEXANDER Robin Andrew, BERKUN Ken Alan, DAHL Austin David, DEROSA John Anthony, LEE Scott, REHM Eric Carl, SUDANAGUNTA Srinivasan, NOWITZ Johnathan	US only	09/876942	08 June 01

**"Exhibit Two Patent Rights," Continued**

<b>Title</b>	<b>Inventor(s)</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>
<b>A SYSTEM FOR UNIFIED EXTRACTION OF MEDIA OBJECTS</b>	<b>KOLAR Jennifer, MILLER Brad, LEE Scott</b>	<b>PCT</b>	<b>US01/43305</b>	<b>20 Nov 01</b>
		<b>CN</b>	<b>01822164.5</b>	<b>20 Nov 01</b>
		<b>DE</b>	<b>N/A</b>	<b>N/A</b>
		<b>EP</b>	<b>01987023.7</b>	<b>20 Nov 01</b>
		<b>FR</b>	<b>N/A</b>	<b>N/A</b>
		<b>GB</b>	<b>N/A</b>	<b>N/A</b>
		<b>IN</b>	<b>577/KOL NP/03</b>	<b>20 Nov 01</b>
		<b>IT</b>	<b>N/A</b>	<b>N/A</b>
		<b>JP</b>	<b>545323/02</b>	<b>20 Nov 01</b>
		<b>KR</b>	<b>03-7006821</b>	<b>20 Nov 01</b>
		<b>MX</b>	<b>03/004445</b>	<b>20 Nov 01</b>
		<b>US</b>	<b>10/432,316</b>	<b>20 Nov 01</b>

**"Exhibit Three Patent Rights"**

<b>Title</b>	<b>Inventor(s)</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>
<b>METHOD OF SIZING AN EMBEDDED MEDIA PLAYER PAGE</b>	<b>HAYWARD Monte Duane</b>	<b>PCT</b>	<b>US01/51373</b>	<b>24 Oct 01</b>
		<b>BR</b>	<b>PI0114879-6</b>	<b>24 Oct 01</b>
		<b>CN</b>	<b>01817867.7</b>	<b>24 Oct 01</b>
		<b>DE</b>	<b>N/A</b>	<b>N/A</b>
		<b>EP</b>	<b>01989347.8</b>	<b>24 Oct 01</b>
		<b>FR</b>	<b>N/A</b>	<b>N/A</b>
		<b>GB</b>	<b>N/A</b>	<b>N/A</b>
		<b>IN</b>	<b>438/KOL NP/03</b>	<b>24 Oct 01</b>
		<b>IT</b>	<b>N/A</b>	<b>N/A</b>
		<b>JP</b>	<b>549056/02</b>	<b>24 Oct 01</b>
		<b>KR</b>	<b>03-7005382</b>	<b>24 Oct 01</b>
		<b>MX</b>	<b>03/003495</b>	<b>24 Oct 01</b>
		<b>US</b>	<b>10/415210</b>	<b>24 Oct 01</b>

**"Exhibit Three, Patent Rights," Continued**

<b>Title</b>	<b>Inventor(s)</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>
<b>METHOD OF COLLECTING DATA USING AN EMBEDDED MEDIA PLAYER PAGE</b>	<b>HAYWARD Monte Duane</b>	<b>PCT</b>	<b>US01/51228</b>	<b>24 Oct 01</b>
		<b>BR</b>	<b>PI0114882-6</b>	<b>24 Oct 01</b>
		<b>CN</b>	<b>01817868.5</b>	<b>24 Oct 01</b>
		<b>DE</b>	<b>N/A</b>	<b>N/A</b>
		<b>EP</b>	<b>01994526.0</b>	<b>24 Oct 01</b>
		<b>FR</b>	<b>N/A</b>	<b>N/A</b>
		<b>GB</b>	<b>N/A</b>	<b>N/A</b>
		<b>IN</b>	<b>436/KOL NP/03</b>	<b>24 Oct 01</b>
		<b>IT</b>	<b>N/A</b>	<b>N/A</b>
		<b>JP</b>	<b>558150/02</b>	<b>24 Oct 01</b>
		<b>KR</b>	<b>03-7005632</b>	<b>24 Oct 01</b>
		<b>MX</b>	<b>03/003493</b>	<b>24 Oct 01</b>
		<b>US</b>	<b>10/415216</b>	<b>24 Oct 01</b>

**"Exhibit Three, Patent Rights," Continued**

<b>Title</b>	<b>Inventor(s)</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>
<b>METHOD OF DISSEMINATING ADVERTISEMENTS USING AN EMBEDDED MEDIA PLAYER PAGE</b>	<b>HAYWARD Monte Duane</b>	<b>PCT</b>	<b>US01/51227</b>	<b>24 Oct 01</b>
		<b>BR</b>	<b>PI0114830-3</b>	<b>24 Oct 01</b>
		<b>CN</b>	<b>01817871.5</b>	<b>24 Oct 01</b>
		<b>DE</b>	<b>N/A</b>	<b>N/A</b>
		<b>EP</b>	<b>01989326.2</b>	<b>24 Oct 01</b>
		<b>FR</b>	<b>N/A</b>	<b>N/A</b>
		<b>GB</b>	<b>N/A</b>	<b>N/A</b>
		<b>IN</b>	<b>437/KOL NP/03</b>	<b>24 Oct 01</b>
		<b>IT</b>	<b>N/A</b>	<b>N/A</b>
		<b>JP</b>	<b>557111/02</b>	<b>24 Oct 01</b>
		<b>KR</b>	<b>03-7005633</b>	<b>24 Oct 01</b>
		<b>MX</b>	<b>03/003494</b>	<b>24 Oct 01</b>
		<b>US</b>	<b>10/415021</b>	<b>24 Oct 01</b>